UPS Setup

Installing NUT for the OpenUPS

```bash
$ sudo aptitude install nut
```

Add the following to /etc/nut/ups.conf:

```
[openups]
driver = usbhid-ups
port = auto
desc = "OpenUPS"
```

And comment out the line `maxretry = 3`.

Try if it works:

```bash
$ sudo upsdrvctl start
```

Then, edit `/etc/nut/nut.conf` such that the last line reads

```
MODE=standalone
```

Finally reboot and run

```bash
$ sudo upsc openups@localhost
```

This should display information about the connected UPS. Check the `device.model` parameter and make sure that it is OPEN-UPS

Open UPS Default Settings By Battery

To load these parameters, you will need to install the [Windows tool](https://robosub.eecs.wsu.edu/wiki/) provided by Mini-Box. When you run it, you should see something like this:

![Windows tool screenshot]

By switching to the settings submenu, you will be able to load the parameters through the All parameters: File ==⇒ OpenUPS (settings.ini). Use the correct settings file from below for your battery.

If you have need to update these files, please send the request to the IT Channel

**LiFePo4 3 cell 9.9V 4200 mAh**

zippy_settings.7z